

City of Richland

DATE BIDS OPENED:	JUNE 3, 2019	ITB #	19-003
GEORGE WASHINGTON WAY PAVEMENT PRESERVATION			

				ENGINEER'S ESTIMATE		TOTAL SITE SERVICES LLC RICHLAND, WA		CENTRAL WA ASPHALT MOSES LAKE, WA	
Item	Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
	SCHEDULE A - BASE BID								
	MOBILIZATION								
A-1	Mobilization (Schedules A-C).	1.00	LS	\$270,000.00	270,000.00	259,976.67	259,976.67	275,000.00	275,000.00
A-2	Project temporary traffic control (Schedules A-E).	1.00	LS	140,000.00	140,000.00	83,410.52	83,410.52	650,000.00	650,000.00
A-3	Portable changeable message sign (for notification purposes).	8,064.00	HR	3.50	28,224.00	4.39	35,400.96	4.00	32,256.00
A-4	SPCC plan.	1.00	LS	7,500.00	7,500.00	274.50	274.50	800.00	800.00
A-5	Erosion control & water pollution prevention.	1.00	LS	15,000.00	15,000.00	274.50	274.50	6,000.00	6,000.00
A-6	Archaeological & historical salvage.	1.00	FA	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
A-7	Site restoration.	1.00	LS	25,000.00	25,000.00	11,171.75	11,171.75	14,000.00	14,000.00
A-8	Roadway surveying.	1.00	LS	20,000.00	20,000.00	57,417.80	57,417.80	3,600.00	3,600.00
A-9	ADA features surveying.	1.00	LS	30,000.00	30,000.00	8,619.33	8,619.33	40,000.00	40,000.00
A-10	Record drawings (minimum bid \$500).	1.00	LS	1,000.00	1,000.00	7,027.22	7,027.22	1,000.00	1,000.00
A-11	Removal of structures & obstructions (this schedule only).	1.00	LS	45,000.00	45,000.00	12,894.52	12,894.52	150,000.00	150,000.00
A-12	Planing bituminous pavement (profile, approx. 2 in. thick).	156,900.00	SY	2.80	439,320.00	2.25	353,025.00	2.75	431,475.00
A-13	Crack sealing.	1.00	FA	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
A-14	HMA for preleveling CL 1/2 in. Pg 64-28 (1/2 in. thick).	4,470.00	TON	88.00	393,360.00	93.33	417,185.10	85.00	379,950.00
A-15	HMA CL. 1/2 in. Pg 64-28 (1 1/2" in. thick).	13,400.00	TON	83.00	1,112,200.00	85.64	1,147,576.00	70.00	938,000.00
A-16	HMA for pavement repair CL 1/2 in. Pg 64-28.	1,975.00	TON	100.00	197,500.00	134.65	265,933.75	100.00	197,500.00
A-17	Pavement repair excavation including haul.	8,660.00	SY	20.00	173,200.00	16.16	139,945.60	14.00	121,240.00
A-18	Crushed surfacing top course (for pavement	1,950.00	CY	30.00	58,500.00	49.19	95,920.50	60.00	117,000.00
A-19	Job mix compliance price adjustment.	1.00	CALC	1.00	1.00	1.00	1.00	1.00	1.00
A-20	Compaction price adjustment.	1.00	CALC	1.00	1.00	1.00	1.00	1.00	1.00
A-21	Asphalt cost price adjustment.	1.00	CALC	1.00	1.00	1.00	1.00	1.00	1.00
A-22	Temporary pavement markings - short duration.	197,114.00	LF	0.30	59,134.20	0.15	29,567.10	0.17	33,509.38
A-23	Plastic line (4") [Type D].	104,528.00	LF	1.35	141,112.80	1.32	137,976.96	1.22	127,524.16
A-24	Plastic stop line (18").	949.00	LF	8.50	8,066.50	11.25	10,676.25	10.00	9,490.00
A-25	Plastic wide lane line (8"). [Type D].	35,640.00	LF	2.00	71,280.00	2.36	84,110.40	2.40	85,536.00
A-26	Bike symbol.	55.00	EA	125.00	6,875.00	164.70	9,058.50	280.00	15,400.00
A-27	Plastic crosswalk line.	6,608.00	SF	7.50	49,560.00	5.93	39,185.44	7.25	47,908.00
A-28	Plastic traffic arrow.	53.00	EA	125.00	6,625.00	164.70	8,729.10	135.00	7,155.00
A-29	Permanent signing.	1.00	LS	40,000.00	40,000.00	22,948.28	22,948.28	22,000.00	22,000.00
A-30	Cement concrete traffic curb & gutter.	2,380.00	LF	44.20	105,196.00	36.59	87,084.20	25.00	59,500.00
A-31	Cement concrete sidewalk (4" concrete).	616.00	SY	100.00	61,600.00	65.17	40,144.72	140.00	86,240.00
A-32	Cement concrete sidewalk for ADA ramp (6" concrete).	1,250.00	SY	125.00	156,250.00	81.41	101,762.50	145.00	181,250.00

Item	Description	Qty	Unit	ENGINEER'S ESTIMATE		TOTAL SITE SERVICES LLC RICHLAND, WA		CENTRAL WA ASPHALT MOSES LAKE, WA	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
A-33	Detectable warning surface.	860.00	SF	50.00	43,000.00	29.23	25,137.80	30.00	25,800.00
A-34	Cement concrete driveway entrance Type City (6" concrete).	110.00	SY	150.00	16,500.00	87.55	9,630.50	220.00	24,200.00
A-35	Sawcutting cement concrete curb.	564.00	LF	20.00	11,280.00	15.37	8,668.68	15.00	8,460.00
A-36	Cement concrete pedestrian curb, 6 in. high.	43.00	LF	35.00	1,505.00	17.95	771.85	20.00	860.00
A-37	Valley gutter.	109.00	LF	110.00	11,990.00	43.78	4,772.02	42.00	4,578.00
A-38	Cement concrete drop back sidewalk w/ raised edge.	90.00	SY	135.00	12,150.00	103.42	9,307.80	130.00	11,700.00
A-39	Driveway asphalt patching (2 in. HMA and 4 in. CSTC).	70.00	SY	75.00	5,250.00	339.74	23,781.80	210.00	14,700.00
A-40	Asphalt patching (3 in. HMA and 9 in. CSTC).	580.00	SY	95.00	55,100.00	67.63	39,225.40	73.00	42,340.00
A-41	Monument case, cover & pipe.	30.00	EA	400.00	12,000.00	665.28	19,958.40	800.00	24,000.00
A-42	Adjust other castings (incl. J-box).	33.00	EA	400.00	13,200.00	454.55	15,000.15	575.00	18,975.00
A-43	Adjust valve box.	129.00	EA	250.00	32,250.00	661.40	85,320.60	800.00	103,200.00
A-44	Replace valve box.	5.00	EA	300.00	1,500.00	875.53	4,377.65	1,100.00	5,500.00
A-45	Adjust manhole lid.	50.00	EA	350.00	17,500.00	800.44	40,022.00	1,000.00	50,000.00
A-46	Replace & adjust manhole lid (sewer or storm).	3.00	EA	550.00	1,650.00	868.96	2,606.88	1,100.00	3,300.00
A-47	Replace catch basin frame & grate.	16.00	EA	650.00	10,400.00	821.95	13,151.20	1,000.00	16,000.00
A-48	Replace catch basin grate.	9.00	EA	350.00	3,150.00	193.03	1,737.27	235.00	2,115.00
A-49	Catch basin Type City.	2.00	EA	1,800.00	3,600.00	1,570.16	3,140.32	2,500.00	5,000.00
A-50	Manhole 48 in. diameter - City Storm (cast-in-place).	1.00	EA	3,200.00	3,200.00	4,084.03	4,084.03	5,000.00	5,000.00
A-51	Solid wall PVC storm pipe 12 in. diameter.	615.00	LF	55.00	33,825.00	32.96	20,270.40	40.00	24,600.00
A-52	Manhole 48 in. diameter - City Storm w/CB grate.	2.00	EA	3,000.00	6,000.00	2,096.72	4,193.44	2,550.00	5,100.00
A-53	Trench safety.	615.00	LF	2.00	1,230.00	4.39	2,699.85	5.00	3,075.00
A-54	Imported pipe zone bedding.	615.00	LF	2.00	1,230.00	4.06	2,496.90	5.25	3,228.75
A-55	Imported pipe trench backfill.	615.00	LF	2.00	1,230.00	20.33	12,502.95	25.00	15,375.00
A-56	Utility crossings marked & unmarked.	5.00	EA	250.00	1,250.00	875.28	4,376.40	1,100.00	5,500.00
A-57	TV inspection of sewer or storm pipe,	615.00	LF	5.00	3,075.00	2.09	1,285.35	2.50	1,537.50
A-58	Connection to existing storm pipe.	4.00	EA	1,000.00	4,000.00	603.53	2,414.12	750.00	3,000.00
A-59	Plugging existing pipe.	4.00	EA	250.00	1,000.00	267.69	1,070.76	325.00	1,300.00
A-60	Tree trimming.	1.00	LS	12,000.00	12,000.00	2,997.87	2,997.87	12,500.00	12,500.00
A-61	Abandon existing manhole.	2.00	EA	1,000.00	2,000.00	1,061.08	2,122.16	1,300.00	2,600.00
A-62	Basalt rock for ground cover (3 in. thick).	140.00	SY	25.00	3,500.00	8.84	1,237.60	14.00	1,960.00
SCHEDULE A - BASE BID SUBTOTAL				\$4,092,071.50		\$3,940,662.32		\$4,583,840.79	
0% SALES TAX				-		-		-	
SCHEDULE A - BASE BID TOTAL				\$4,092,071.50		\$3,940,662.32		\$4,583,840.79	

				ENGINEER'S ESTIMATE		TOTAL SITE SERVICES LLC RICHLAND, WA		CENTRAL WA ASPHALT MOSES LAKE, WA	
Item	Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
	SCHEDULE B - TRAFFIC SIGNAL WORK								
B-1	Traffic signal complete Van Giesen / GWW intersection (incl. school beacon relocation).	1.00	LS	\$150,000.00	150,000.00	131,925.16	131,925.16	125,000.00	125,000.00
B-2	RRFB prep (incl. J-box, foundations, 2 locations).	1.00	LS	30,000.00	30,000.00	9,223.23	9,223.23	9,000.00	9,000.00
B-3	Battelle Boulevard signal removal.	1.00	LS	25,000.00	25,000.00	10,705.54	10,705.54	10,400.00	10,400.00
SCHEDULE B - TRAFFIC SIGNAL WORK SUBTOTAL					\$205,000.00	\$151,853.93		\$144,400.00	
0% SALES TAX					-	-		-	
SCHEDULE B - TRAFFIC SIGNAL WORK TOTAL					\$205,000.00	\$151,853.93		\$144,400.00	
	SCHEDULE C - BATTELLE MISC WORK (includes 4th/5th/6th & RRFB)								
C-1	RRFB (solar) system complete [@ 11th & 10th].	1.00	LS	\$85,000.00	85,000.00	101,993.57	101,993.57	100,000.00	100,000.00
C-2	Cement concrete curb & gutter.	235.00	LF	45.00	10,575.00	16.76	3,938.60	25.00	5,875.00
C-3	Cement concrete sidewalk (4" concrete).	130.00	SY	100.00	13,000.00	26.86	3,491.80	75.00	9,750.00
C-4	Removal of structures & obstructions (this schedule only) .	1.00	LS	5,000.00	5,000.00	2,595.53	2,595.53	15,000.00	15,000.00
C-5	Site restoration.	1.00	LS	2,500.00	2,500.00	2,382.23	2,382.23	3,000.00	3,000.00
C-6	Basalt rock for ground cover (3 in. thick).	432.00	SY	25.00	10,800.00	9.03	3,900.96	11.00	4,752.00
C-7	Type 3 barricades.	6.00	EA	1,000.00	6,000.00	575.00	3,450.00	525.00	3,150.00
C-8	Asphalt patching (3 in. HMA and 9 in. CSTC).	52.00	SY	100.00	5,200.00	76.01	3,952.52	100.00	5,200.00
SCHEDULE C - BATTELLE MISC WORK SUBTOTAL					\$138,075.00	\$125,705.21		\$146,727.00	
0% SALES TAX					-	-		-	
SCHEDULE C - BATTELLE MISC WORK TOTAL					\$138,075.00	\$125,705.21		\$146,727.00	
	SCHEDULE D - WATER UTILITY WORK								
D-1	Mobilization (this schedule only).	1.00	LS	\$5,000.00	5,000.00	1,536.44	1,536.44	2,000.00	2,000.00
D-2	Hydrant assembly.	8.00	EA	1,500.00	12,000.00	3,778.18	30,225.44	4,500.00	36,000.00
D-3	DI pipe for water main, 6 in. RJ.	40.00	LF	60.00	2,400.00	193.60	7,744.00	240.00	9,600.00
D-4	Trench safety.	40.00	LF	2.00	80.00	4.39	175.60	5.50	220.00
D-5	Imported pipe zone bedding.	40.00	LF	2.00	80.00	3.09	123.60	3.75	150.00
D-6	Imported pipe trench backfill.	40.00	LF	2.00	80.00	20.59	823.60	25.50	1,020.00
D-7	Connection to exist water main.	8.00	EA	500.00	4,000.00	1,074.62	8,596.96	1,350.00	10,800.00
D-8	Remove & salvage fire hydrant.	8.00	EA	250.00	2,000.00	364.49	2,915.92	460.00	3,680.00
D-9	Utility crossings marked & unmarked.	10.00	EA	150.00	1,500.00	875.28	8,752.80	1,100.00	11,000.00
SCHEDULE D - WATER UTILITY WORK SUBTOTAL					\$27,140.00	\$60,894.36		\$74,470.00	
8.3% SALES TAX					2,252.62	5,054.23		6,181.01	
SCHEDULE D - WATER UTILITY WORK TOTAL					\$29,392.62	\$65,948.59		\$80,651.01	
	SCHEDULE E - SEWER UTILITY WORK								
E-1	Mobilization (this schedule only).	1.00	LS	\$7,500.00	7,500.00	2,623.46	2,623.46	1,900.00	1,900.00
E-2	8 in. PVC pipe for sewer main.	20.00	LF	175.00	3,500.00	173.74	3,474.80	210.00	4,200.00
E-3	4 in. PVC pipe for sewer service.	5.00	LF	100.00	500.00	71.44	357.20	90.00	450.00
E-4	Trench safety.	25.00	LF	2.00	50.00	4.39	109.75	5.50	137.50
E-5	Imported pipe zone bedding.	25.00	LF	2.00	50.00	2.75	68.75	3.50	87.50
E-6	Imported pipe trench backfill.	25.00	LF	2.00	50.00	38.43	960.75	48.00	1,200.00

Item	Description	Qty	Unit	ENGINEER'S ESTIMATE		TOTAL SITE SERVICES LLC RICHLAND, WA		CENTRAL WA ASPHALT MOSES LAKE, WA	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
E-7	4 in. sanitary sewer service saddle.	1.00	EA	250.00	250.00	151.91	151.91	185.00	185.00
E-8	Connection to existing manhole.	1.00	EA	500.00	500.00	269.27	269.27	330.00	330.00
E-9	Connection to existing sewer pipe.	2.00	EA	250.00	500.00	227.14	454.28	280.00	560.00
E-10	Removal of structures & obstructions (this schedule only).	1.00	LS	1,000.00	1,000.00	912.67	912.67	1,150.00	1,150.00
E-11	Asphalt patching (3 in. HMA and 9 in. CSTC).	25.00	SY	90.00	2,250.00	36.23	905.75	85.00	2,125.00
E-12	TV inspection of sewer or storm pipe.	20.00	LF	15.00	300.00	23.33	466.60	29.00	580.00

SCHEDULE E - SEWER UTILITY WORK SUBTOTAL

\$16,450.00

\$10,755.19

\$12,905.00

0% SALES TAX

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SCHEDULE E - SEWER UTILITY WORK TOTAL

\$16,450.00

\$10,755.19

\$12,905.00

**ALTERNATIVE 1: CORP of Engineers
Drainage Area Beautification**

Alt1-1	Mobilization (this alternative only).	1.00	LS	\$5,000.00	5,000.00	5,106.73	5,106.73	1,500.00	1,500.00
Alt1-2	Project temporary traffic control (this alternative only).	1.00	LS	5,000.00	5,000.00	2,819.37	2,819.37	6,500.00	6,500.00
Alt1-3	Site restoration (this alternative only).	1.00	LS	2,500.00	2,500.00	1,368.37	1,368.37	1,500.00	1,500.00
Alt1-4	Removal of structures & obstructions (this alternative only).	1.00	LS	5,000.00	5,000.00	4,096.99	4,096.99	16,500.00	16,500.00
Alt1-5	Clearing and grubbing (this alternative only).	1.00	LS	2,500.00	2,500.00	1,856.93	1,856.93	15,000.00	15,000.00
Alt1-6	Decorative metal fencing.	128.00	LF	125.00	16,000.00	172.58	22,090.24	400.00	51,200.00
Alt1-7	Cement concrete sidewalk (4" concrete).	142.00	SY	120.00	17,040.00	57.73	8,197.66	70.00	9,940.00
Alt1-8	Cement concrete mow strip (under fence).	24.00	LF	25.00	600.00	27.46	659.04	25.00	600.00
Alt1-9	Basalt rock for ground cover (2 in. depth).	235.00	SY	25.00	5,875.00	9.17	2,154.95	17.00	3,995.00
Alt1-10	Streambed boulder (2 man).	6.00	EA	500.00	3,000.00	165.67	994.00	315.00	1,890.00
Alt1-11	Streambed boulder (3 man).	3.00	EA	750.00	2,250.00	245.92	737.76	315.00	945.00
Alt1-12	Driveway asphalt patching (2 in. HMA & 4 in. CSTC).	29.00	SY	75.00	2,175.00	101.60	2,946.40	145.00	4,205.00

ALTERNATIVE 1 SUBTOTAL

\$66,940.00

\$53,028.44

\$113,775.00

0% SALES TAX

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ALTERNATIVE 1 TOTAL

\$66,940.00

\$53,028.44

\$113,775.00

**ALTERNATIVE 2: East Side Sidewalk
Expansion (Guyer to Hains)**

Alt2-1	Mobilization (this alternative only).	1.00	LS	\$7,500.00	7,500.00	4,066.99	4,066.99	900.00	900.00
Alt2-2	Project temporary traffic control (this alternative only).	1.00	LS	5,000.00	5,000.00	5,088.73	5,088.73	13,000.00	13,000.00
Alt2-3	Site restoration (this alternative only).	1.00	LS	4,500.00	4,500.00	1,344.03	1,344.03	1,450.00	1,450.00
Alt2-4	Removal of structures and obstructions (this alternative only).	1.00	LS	3,500.00	3,500.00	990.57	990.57	10,500.00	10,500.00
Alt2-5	Cement concrete curb & gutter.	50.00	LF	45.00	2,250.00	33.76	1,688.00	25.00	1,250.00
Alt2-6	Cement concrete sidewalk (4" concrete).	380.00	SY	100.00	38,000.00	58.18	22,108.40	55.00	20,900.00
Alt2-7	Cement concrete driveway entrance type city (6" concrete).	42.00	SY	125.00	5,250.00	90.19	3,787.98	100.00	4,200.00

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Alt2-8	Driveway asphalt patching (2 in. HMA & 4 in. CSTC).	21.00	SY	75.00	1,575.00	122.26	2,567.46	110.00	2,310.00
Alt2-9	Asphalt patching (3 in. HMA & 9 in. CSSTC).	12.00	SY	90.00	1,080.00	175.57	2,106.84	145.00	1,740.00
ALTERNATIVE 2 SUBTOTAL					\$68,655.00	\$43,749.00		\$56,250.00	
0% SALES TAX					-	-		-	
ALTERNATIVE 2 TOTAL					\$68,655.00	\$43,749.00		\$56,250.00	
	ALTERNATIVE 3: West Side Sidewalk Expansion (Guyer to Williams)								
Alt3-1	Mobilization (this alternative only).	1.00	LS	\$7,500.00	7,500.00	3,955.05	3,955.05	925.00	925.00
Alt3-2	Project temporary traffic control (this alternative only).	1.00	LS	5,000.00	5,000.00	5,086.93	5,086.93	20,000.00	20,000.00
Alt3-3	Site restoration (this alternative only).	1.00	LS	5,000.00	5,000.00	1,122.57	1,122.57	1,200.00	1,200.00
Alt3-4	Removal of structures and obstructions (this alternative only).	1.00	LS	5,000.00	5,000.00	737.78	737.78	15,000.00	15,000.00
Alt3-5	Cement concrete curb & gutter.	56.00	LF	45.00	2,520.00	33.46	1,873.76	25.00	1,400.00
Alt3-6	Cement concrete sidewalk (4" concrete).	109.00	SY	100.00	10,900.00	59.11	6,442.99	50.00	5,450.00
Alt3-7	Cement concrete driveway entrance Type City (6" concrete).	205.00	SY	125.00	25,625.00	90.58	18,568.90	90.00	18,450.00
Alt3-8	Driveway asphalt patching (2 in. HMA & 4 in. CSTC).	90.00	SY	75.00	6,750.00	66.74	6,006.60	68.00	6,120.00
Alt3-9	Asphalt patching (3 in. HMA & 9 in. CSTC).	14.00	SY	90.00	1,260.00	115.74	1,620.36	105.00	1,470.00
Alt3-10	Cement concrete pedestrian curb, 12 in. high.	44.00	LF	40.00	1,760.00	19.03	837.32	21.00	924.00
Alt3-11	Cement concrete pedestrian curb, 6 in. high.	88.00	LF	30.00	2,640.00	18.32	1,612.16	21.00	1,848.00
ALTERNATIVE 3 SUBTOTAL					\$73,955.00	\$47,864.42		\$72,787.00	
0% SALES TAX					-	-		-	
ALTERNATIVE 3 TOTAL					\$73,955.00	\$47,864.42		\$72,787.00	
	ALTERNATIVE 4: West Side Sidewalk Expansion (Williams to McMurray)								
Alt4-1	Mobilization (this alternative only).	1.00	LS	\$7,500.00	7,500.00	4,670.26	4,670.26	1,000.00	1,000.00
Alt4-2	Project temporary traffic control (this alternative only).	1.00	LS	5,000.00	5,000.00	9,604.25	9,604.25	30,000.00	30,000.00
Alt4-3	Site restoration (this alternative only).	1.00	LS	5,000.00	5,000.00	10,497.17	10,497.17	11,000.00	11,000.00
Alt4-4	Removal of structures and obstructions (this alternative only).	1.00	LS	5,000.00	5,000.00	15,398.56	15,398.56	17,500.00	17,500.00
Alt4-5	Cement concrete curb & gutter.	544.00	LF	45.00	24,480.00	33.76	18,365.44	25.00	13,600.00
Alt4-6	Cement concrete sidewalk (4" concrete).	500.00	SY	100.00	50,000.00	58.30	29,150.00	50.00	25,000.00
Alt4-7	Cement concrete driveway entrance Type City (6" concrete).	189.00	SY	125.00	23,625.00	89.72	16,957.08	85.00	16,065.00
Alt4-8	Driveway asphalt patching (2 in. HMA & 4 in. CSTC).	130.00	SY	75.00	9,750.00	124.53	16,188.90	55.00	7,150.00
Alt4-9	Asphalt patching (3 in. HMA & 9 in. CSTC).	121.00	SY	90.00	10,890.00	610.66	73,889.86	95.00	11,495.00
Alt4-10	Cement concrete pedestrian curb, 6 in. high.	90.00	LF	30.00	2,700.00	17.88	1,609.20	20.00	1,800.00

				ENGINEER'S ESTIMATE		TOTAL SITE SERVICES LLC RICHLAND, WA		CENTRAL WA ASPHALT MOSES LAKE, WA	
Item	Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
ALTERNATIVE 4 SUBTOTAL					\$143,945.00		\$196,330.72		\$134,610.00
0% SALES TAX					-		-		-
ALTERNATIVE 4 TOTAL					\$143,945.00		\$196,330.72		\$134,610.00
ALTERNATIVE 5: Fiber Reinforcement for HMA (additive to Base Bid)									
Alt5-1	Fiber reinforced asphalt mix.	17,880.00	TON	\$10.00	178,800.00	9.37	167,535.60	7.00	125,160.00
ALTERNATIVE 5 SUBTOTAL					\$178,800.00		\$167,535.60		\$125,160.00
0% SALES TAX					-		-		-
ALTERNATIVE 5 TOTAL					\$178,800.00		\$167,535.60		\$125,160.00
ALTERNATIVE 6: 1/2 Inch Additional HMA									
Alt6-1	Mobilization (this alternative only).	1.00	LS	\$20,000.00	20,000.00	1,378.65	1,378.65	500.00	500.00
Alt6-2	Project temporary traffic control (this alternative only).	1.00	LS	10,000.00	10,000.00	551.46	551.46	6,500.00	6,500.00
Alt6-3	Planing bituminous pavement (profile, approx. 1/2 in. thick).	156,900.00	SY	1.25	196,125.00	0.17	26,673.00	0.30	47,070.00
Alt6-4	HMA CL. 1/2 in. Pg 64-28 (1/2 in. thick).	4,470.00	TON	83.00	371,010.00	86.03	384,554.10	70.00	312,900.00
Alt6-5	Fiber reinforced asphalt mix.	4,470.00	TON	10.00	44,700.00	9.37	41,883.90	7.00	31,290.00
ALTERNATIVE 6 SUBTOTAL					\$641,835.00		\$455,041.11	W	\$398,260.00
0% SALES TAX					-		-		-
ALTERNATIVE 6 TOTAL					\$641,835.00		\$455,041.11		\$398,260.00
SCHEDULE A - BASE BID					\$4,092,071.50		\$3,940,662.32		\$4,583,840.79
SCHEDULE B - TRAFFIC SIGNAL WORK					205,000.00		151,853.93		144,400.00
SCHEDULE C - BATTELLE MISC WORK					138,075.00		125,705.21		146,727.00
SCHEDULE D - WATER UTILITY WORK					29,392.62		65,948.59		80,651.01
SCHEDULE E - SEWER UTILITY WORK					16,450.00		10,755.19		12,905.00
GRAND TOTAL (BASE BID)					\$4,480,989.12		\$4,294,925.24		\$4,968,523.80
BASE BID + ALT 1 + ALT 2 + ALT3 + ALT 4 + ALT 5 + ALT 6 TOTAL					\$5,655,119.12		\$5,258,474.53		\$5,869,365.80
BASE BID + ALT 1 + ALT 2 + ALT3 + ALT 4 + ALT 5 TOTAL					\$5,013,284.12		\$4,803,433.42		\$5,471,105.80
BASE BID + ALT 1 + ALT 2 + ALT3 + ALT 4 TOTAL					\$4,834,484.12		\$4,635,897.82		\$5,345,945.80
BASE BID + ALT 1 + ALT 2 + ALT3 TOTAL					\$4,690,539.12		\$4,439,567.10		\$5,211,335.80
BASE BID + ALT 1 + ALT 2 TOTAL					\$4,616,584.12		\$4,391,702.68		\$5,138,548.80
BASE BID + ALT 1 TOTAL					\$4,547,929.12		\$4,347,953.68		\$5,082,298.80
BASE BID TOTAL					\$4,480,989.12		\$4,294,925.24		\$4,968,523.80

City of Richland

DATE BIDS OPENED:	JUNE 3, 2019	ITB #	19-003
GEORGE WASHINGTON WAY PAVEMENT PRESERVATION			

INLAND ASPHALAT CO RICHLAND, WA		
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Item	Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
SCHEDULE A - BASE BID									
MOBILIZATION									
A-1	Mobilization (Schedules A-C).	1.00	LS	200,000.00	200,000.00		-		-
A-2	Project temporary traffic control (Schedules A-E).	1.00	LS	425,000.00	425,000.00		-		-
A-3	Portable changeable message sign (for notification purposes).	8,064.00	HR	5.00	40,320.00		-		-
A-4	SPCC plan.	1.00	LS	500.00	500.00		-		-
A-5	Erosion control & water pollution prevention.	1.00	LS	6,500.00	6,500.00		-		-
A-6	Archaeological & historical salvage.	1.00	FA	5,000.00	5,000.00		-		-
A-7	Site restoration.	1.00	LS	75,000.00	75,000.00		-		-
A-8	Roadway surveying.	1.00	LS	50,000.00	50,000.00		-		-
A-9	ADA features surveying.	1.00	LS	3,500.00	3,500.00		-		-
A-10	Record drawings (minimum bid \$500).	1.00	LS	500.00	500.00		-		-
A-11	Removal of structures & obstructions (this schedule only).	1.00	LS	340,000.00	340,000.00		-		-
A-12	Planing bituminous pavement (profile, approx. 2 in. thick).	156,900.00	SY	1.80	282,420.00		-		-
A-13	Crack sealing.	1.00	FA	100,000.00	100,000.00		-		-
A-14	HMA for preleveling CL 1/2 in. Pg 64-28 (1/2 in. thick).	4,470.00	TON	115.00	514,050.00		-		-
A-15	HMA CL. 1/2 in. Pg 64-28 (1 1/2" in. thick).	13,400.00	TON	83.00	1,112,200.00		-		-
A-16	HMA for pavement repair CL 1/2 in. Pg 64-28.	1,975.00	TON	122.00	240,950.00		-		-
A-17	Pavement repair excavation including haul.	8,660.00	SY	14.25	123,405.00		-		-
A-18	Crushed surfacing top course (for pavement	1,950.00	CY	60.00	117,000.00		-		-
A-19	Job mix compliance price adjustment.	1.00	CALC	1.00	1.00		-		-
A-20	Compaction price adjustment.	1.00	CALC	1.00	1.00		-		-
A-21	Asphalt cost price adjustment.	1.00	CALC	1.00	1.00		-		-
A-22	Temporary pavement markings - short duration.	197,114.00	LF	0.15	29,567.10		-		-
A-23	Plastic line (4") [Type D].	104,528.00	LF	1.55	162,018.40		-		-
A-24	Plastic stop line (18").	949.00	LF	11.80	11,198.20		-		-
A-25	Plastic wide lane line (8"). [Type D].	35,640.00	LF	2.35	83,754.00		-		-
A-26	Bike symbol.	55.00	EA	225.00	12,375.00		-		-
A-27	Plastic crosswalk line.	6,608.00	SF	5.35	35,352.80		-		-
A-28	Plastic traffic arrow.	53.00	EA	75.00	3,975.00		-		-
A-29	Permanent signing.	1.00	LS	21,000.00	21,000.00		-		-
A-30	Cement concrete traffic curb & gutter.	2,380.00	LF	40.00	95,200.00		-		-
A-31	Cement concrete sidewalk (4" concrete).	616.00	SY	68.00	41,888.00		-		-
A-32	Cement concrete sidewalk for ADA ramp (6" concrete).	1,250.00	SY	95.00	118,750.00		-		-

				INLAND ASPHALAT CO RICHLAND, WA					
Item	Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
A-33	Detectable warning surface.	860.00	SF	45.00	38,700.00		-		-
A-34	Cement concrete driveway entrance Type City (6" concrete).	110.00	SY	105.00	11,550.00		-		-
A-35	Sawcutting cement concrete curb.	564.00	LF	0.50	282.00		-		-
A-36	Cement concrete pedestrian curb, 6 in. high.	43.00	LF	30.00	1,290.00		-		-
A-37	Valley gutter.	109.00	LF	50.00	5,450.00		-		-
A-38	Cement concrete drop back sidewalk w/ raised edge.	90.00	SY	110.00	9,900.00		-		-
A-39	Driveway asphalt patching (2 in. HMA and 4 in. CSTC).	70.00	SY	75.00	5,250.00		-		-
A-40	Asphalt patching (3 in. HMA and 9 in. CSTC).	580.00	SY	90.00	52,200.00		-		-
A-41	Monument case, cover & pipe.	30.00	EA	825.00	24,750.00		-		-
A-42	Adjust other castings (incl. J-box).	33.00	EA	700.00	23,100.00		-		-
A-43	Adjust valve box.	129.00	EA	650.00	83,850.00		-		-
A-44	Replace valve box.	5.00	EA	775.00	3,875.00		-		-
A-45	Adjust manhole lid.	50.00	EA	900.00	45,000.00		-		-
A-46	Replace & adjust manhole lid (sewer or storm).	3.00	EA	1,125.00	3,375.00		-		-
A-47	Replace catch basin frame & grate.	16.00	EA	1,900.00	30,400.00		-		-
A-48	Replace catch basin grate.	9.00	EA	300.00	2,700.00		-		-
A-49	Catch basin Type City.	2.00	EA	2,800.00	5,600.00		-		-
A-50	Manhole 48 in. diameter - City Storm (cast-in-place).	1.00	EA	2,800.00	2,800.00		-		-
A-51	Solid wall PVC storm pipe 12 in. diameter.	615.00	LF	32.00	19,680.00		-		-
A-52	Manhole 48 in. diameter - City Storm w/CB grate.	2.00	EA	3,400.00	6,800.00		-		-
A-53	Trench safety.	615.00	LF	2.00	1,230.00		-		-
A-54	Imported pipe zone bedding.	615.00	LF	7.50	4,612.50		-		-
A-55	Imported pipe trench backfill.	615.00	LF	13.00	7,995.00		-		-
A-56	Utility crossings marked & unmarked.	5.00	EA	300.00	1,500.00		-		-
A-57	TV inspection of sewer or storm pipe,	615.00	LF	4.00	2,460.00		-		-
A-58	Connection to existing storm pipe.	4.00	EA	725.00	2,900.00		-		-
A-59	Plugging existing pipe.	4.00	EA	400.00	1,600.00		-		-
A-60	Tree trimming.	1.00	LS	8,000.00	8,000.00		-		-
A-61	Abandon existing manhole.	2.00	EA	5,000.00	10,000.00		-		-
A-62	Basalt rock for ground cover (3 in. thick).	140.00	SY	25.00	3,500.00		-		-
SCHEDULE A - BASE BID SUBTOTAL					\$4,671,776.00		\$0.00		\$0.00
0% SALES TAX					-		-		-
SCHEDULE A - BASE BID TOTAL					\$4,671,776.00		\$0.00		\$0.00

				INLAND ASPHALAT CO RICHLAND, WA					
Item	Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
SCHEDULE B - TRAFFIC SIGNAL WORK									
B-1	Traffic signal complete Van Giesen / GWW intersection (incl. school beacon relocation).	1.00	LS	141,000.00	141,000.00		-		-
B-2	RRFB prep (incl. J-box, foundations, 2 locations).	1.00	LS	9,000.00	9,000.00		-		-
B-3	Battelle Boulevard signal removal.	1.00	LS	10,500.00	10,500.00		-		-
SCHEDULE B - TRAFFIC SIGNAL WORK SUBTOTAL					\$160,500.00		\$0.00		\$0.00
0% SALES TAX					-		-		-
SCHEDULE B - TRAFFIC SIGNAL WORK TOTAL					\$160,500.00		\$0.00		\$0.00
SCHEDULE C - BATTELLE MISC WORK (includes 4th/5th/6th & RRFB)									
C-1	RRFB (solar) system complete [@ 11th & 10th].	1.00	LS	100,000.00	100,000.00		-		-
C-2	Cement concrete curb & gutter.	235.00	LF	45.00	10,575.00		-		-
C-3	Cement concrete sidewalk (4" concrete).	130.00	SY	75.00	9,750.00		-		-
C-4	Removal of structures & obstructions (this schedule only) .	1.00	LS	2,500.00	2,500.00		-		-
C-5	Site restoration.	1.00	LS	9,000.00	9,000.00		-		-
C-6	Basalt rock for ground cover (3 in. thick).	432.00	SY	25.00	10,800.00		-		-
C-7	Type 3 barricades.	6.00	EA	650.00	3,900.00		-		-
C-8	Asphalt patching (3 in. HMA and 9 in. CSTC).	52.00	SY	90.00	4,680.00		-		-
SCHEDULE C - BATTELLE MISC WORK SUBTOTAL					\$151,205.00		\$0.00		\$0.00
0% SALES TAX					-		-		-
SCHEDULE C - BATTELLE MISC WORK TOTAL					\$151,205.00		\$0.00		\$0.00
SCHEDULE D - WATER UTILITY WORK									
D-1	Mobilization (this schedule only).	1.00	LS	3,000.00	3,000.00		-		-
D-2	Hydrant assembly.	8.00	EA	5,500.00	44,000.00		-		-
D-3	DI pipe for water main, 6 in. RJ.	40.00	LF	215.00	8,600.00		-		-
D-4	Trench safety.	40.00	LF	2.00	80.00		-		-
D-5	Imported pipe zone bedding.	40.00	LF	5.00	200.00		-		-
D-6	Imported pipe trench backfill.	40.00	LF	5.00	200.00		-		-
D-7	Connection to exist water main.	8.00	EA	650.00	5,200.00		-		-
D-8	Remove & salvage fire hydrant.	8.00	EA	425.00	3,400.00		-		-
D-9	Utility crossings marked & unmarked.	10.00	EA	300.00	3,000.00		-		-
SCHEDULE D - WATER UTILITY WORK SUBTOTAL					\$67,680.00		\$0.00		\$0.00
8.3% SALES TAX					5,617.44		-		-
SCHEDULE D - WATER UTILITY WORK TOTAL					\$73,297.44		\$0.00		\$0.00
SCHEDULE E - SEWER UTILITY WORK									
E-1	Mobilization (this schedule only).	1.00	LS	3,000.00	3,000.00		-		-
E-2	8 in. PVC pipe for sewer main.	20.00	LF	215.00	4,300.00		-		-
E-3	4 in. PVC pipe for sewer service.	5.00	LF	225.00	1,125.00		-		-
E-4	Trench safety.	25.00	LF	5.00	125.00		-		-
E-5	Imported pipe zone bedding.	25.00	LF	5.00	125.00		-		-
E-6	Imported pipe trench backfill.	25.00	LF	45.00	1,125.00		-		-

				INLAND ASPHALAT CO RICHLAND, WA					
Item	Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
E-7	4 in. sanitary sewer service saddle.	1.00	EA	425.00	425.00		-		-
E-8	Connection to existing manhole.	1.00	EA	500.00	500.00		-		-
E-9	Connection to existing sewer pipe.	2.00	EA	500.00	1,000.00		-		-
E-10	Removal of structures & obstructions (this schedule only).	1.00	LS	700.00	700.00		-		-
E-11	Asphalt patching (3 in. HMA and 9 in. CSTC).	25.00	SY	90.00	2,250.00		-		-
E-12	TV inspection of sewer or storm pipe.	20.00	LF	75.00	1,500.00		-		-

SCHEDULE E - SEWER UTILITY WORK SUBTOTAL

\$16,175.00

\$0.00

\$0.00

0% SALES TAX

-

-

-

SCHEDULE E - SEWER UTILITY WORK TOTAL

\$16,175.00

\$0.00

\$0.00

**ALTERNATIVE 1: CORP of Engineers
Drainage Area Beautification**

Alt1-1	Mobilization (this alternative only).	1.00	LS	5,000.00	5,000.00		-		-
Alt1-2	Project temporary traffic control (this alternative only).	1.00	LS	5,000.00	5,000.00		-		-
Alt1-3	Site restoration (this alternative only).	1.00	LS	4,000.00	4,000.00		-		-
Alt1-4	Removal of structures & obstructions (this alternative only).	1.00	LS	5,500.00	5,500.00		-		-
Alt1-5	Clearing and grubbing (this alternative only).	1.00	LS	5,500.00	5,500.00		-		-
Alt1-6	Decorative metal fencing.	128.00	LF	200.00	25,600.00		-		-
Alt1-7	Cement concrete sidewalk (4" concrete).	142.00	SY	80.00	11,360.00		-		-
Alt1-8	Cement concrete mow strip (under fence).	24.00	LF	80.00	1,920.00		-		-
Alt1-9	Basalt rock for ground cover (2 in. depth).	235.00	SY	25.00	5,875.00		-		-
Alt1-10	Streambed boulder (2 man).	6.00	EA	150.00	900.00		-		-
Alt1-11	Streambed boulder (3 man).	3.00	EA	200.00	600.00		-		-
Alt1-12	Driveway asphalt patching (2 in. HMA & 4 in. CSTC).	29.00	SY	75.00	2,175.00		-		-

ALTERNATIVE 1 SUBTOTAL

\$73,430.00

\$0.00

\$0.00

0% SALES TAX

-

-

-

ALTERNATIVE 1 TOTAL

\$73,430.00

\$0.00

\$0.00

**ALTERNATIVE 2: East Side Sidewalk
Expansion (Guyer to Hains)**

Alt2-1	Mobilization (this alternative only).	1.00	LS	2,500.00	2,500.00		-		-
Alt2-2	Project temporary traffic control (this alternative only).	1.00	LS	2,500.00	2,500.00		-		-
Alt2-3	Site restoration (this alternative only).	1.00	LS	5,000.00	5,000.00		-		-
Alt2-4	Removal of structures and obstructions (this alternative only).	1.00	LS	3,500.00	3,500.00		-		-
Alt2-5	Cement concrete curb & gutter.	50.00	LF	50.00	2,500.00		-		-
Alt2-6	Cement concrete sidewalk (4" concrete).	380.00	SY	80.00	30,400.00		-		-
Alt2-7	Cement concrete driveway entrance type city (6" concrete).	42.00	SY	95.00	3,990.00		-		-

				INLAND ASPHALT CO RICHLAND, WA					
Item	Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
Alt2-8	Driveway asphalt patching (2 in. HMA & 4 in. CSTC).	21.00	SY	75.00	1,575.00		-		-
Alt2-9	Asphalt patching (3 in. HMA & 9 in. CSSTC).	12.00	SY	90.00	1,080.00		-		-
ALTERNATIVE 2 SUBTOTAL					\$53,045.00		\$0.00		\$0.00
0% SALES TAX					-		-		-
ALTERNATIVE 2 TOTAL					\$53,045.00		\$0.00		\$0.00

ALTERNATIVE 3: West Side Sidewalk Expansion (Guyer to Williams)									
Alt3-1	Mobilization (this alternative only).	1.00	LS	2,500.00	2,500.00		-		-
Alt3-2	Project temporary traffic control (this alternative only).	1.00	LS	3,900.00	3,900.00		-		-
Alt3-3	Site restoration (this alternative only).	1.00	LS	6,500.00	6,500.00		-		-
Alt3-4	Removal of structures and obstructions (this alternative only).	1.00	LS	4,500.00	4,500.00		-		-
Alt3-5	Cement concrete curb & gutter.	56.00	LF	50.00	2,800.00		-		-
Alt3-6	Cement concrete sidewalk (4" concrete).	109.00	SY	90.00	9,810.00		-		-
Alt3-7	Cement concrete driveway entrance Type City (6" concrete).	205.00	SY	100.00	20,500.00		-		-
Alt3-8	Driveway asphalt patching (2 in. HMA & 4 in. CSTC).	90.00	SY	75.00	6,750.00		-		-
Alt3-9	Asphalt patching (3 in. HMA & 9 in. CSTC).	14.00	SY	90.00	1,260.00		-		-
Alt3-10	Cement concrete pedestrian curb, 12 in. high.	44.00	LF	40.00	1,760.00		-		-
Alt3-11	Cement concrete pedestrian curb, 6 in. high.	88.00	LF	40.00	3,520.00		-		-
ALTERNATIVE 3 SUBTOTAL					\$63,800.00		\$0.00		\$0.00
0% SALES TAX					-		-		-
ALTERNATIVE 3 TOTAL					\$63,800.00		\$0.00		\$0.00

ALTERNATIVE 4: West Side Sidewalk Expansion (Williams to McMurray)									
Alt4-1	Mobilization (this alternative only).	1.00	LS	2,500.00	2,500.00		-		-
Alt4-2	Project temporary traffic control (this alternative only).	1.00	LS	2,500.00	2,500.00		-		-
Alt4-3	Site restoration (this alternative only).	1.00	LS	15,000.00	15,000.00		-		-
Alt4-4	Removal of structures and obstructions (this alternative only).	1.00	LS	3,500.00	3,500.00		-		-
Alt4-5	Cement concrete curb & gutter.	544.00	LF	50.00	27,200.00		-		-
Alt4-6	Cement concrete sidewalk (4" concrete).	500.00	SY	65.00	32,500.00		-		-
Alt4-7	Cement concrete driveway entrance Type City (6" concrete).	189.00	SY	85.00	16,065.00		-		-
Alt4-8	Driveway asphalt patching (2 in. HMA & 4 in. CSTC).	130.00	SY	75.00	9,750.00		-		-
Alt4-9	Asphalt patching (3 in. HMA & 9 in. CSTC).	121.00	SY	90.00	10,890.00		-		-
Alt4-10	Cement concrete pedestrian curb, 6 in. high.	90.00	LF	35.00	3,150.00		-		-

				INLAND ASPHALAT CO RICHLAND, WA					
Item	Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
ALTERNATIVE 4 SUBTOTAL					\$123,055.00		\$0.00		\$0.00
0% SALES TAX					-		-		-
ALTERNATIVE 4 TOTAL					\$123,055.00		\$0.00		\$0.00
ALTERNATIVE 5: Fiber Reinforcement for HMA (additive to Base Bid)									
Alt5-1	Fiber reinforced asphalt mix.	17,880.00	TON	8.25	147,510.00		-		-
ALTERNATIVE 5 SUBTOTAL					\$147,510.00		\$0.00		\$0.00
0% SALES TAX					-		-		-
ALTERNATIVE 5 TOTAL					\$147,510.00		\$0.00		\$0.00
ALTERNATIVE 6: 1/2 Inch Additional HMA									
Alt6-1	Mobilization (this alternative only).	1.00	LS	2,500.00	2,500.00		-		-
Alt6-2	Project temporary traffic control (this alternative only).	1.00	LS	7,500.00	7,500.00		-		-
Alt6-3	Planing bituminous pavement (profile, approx. 1/2 in. thick).	156,900.00	SY	0.25	39,225.00		-		-
Alt6-4	HMA CL. 1/2 in. Pg 64-28 (1/2 in. thick).	4,470.00	TON	83.00	371,010.00		-		-
Alt6-5	Fiber reinforced asphalt mix.	4,470.00	TON	8.25	36,877.50		-		-
ALTERNATIVE 6 SUBTOTAL					\$457,112.50		\$0.00		\$0.00
0% SALES TAX					-		-		-
ALTERNATIVE 6 TOTAL					\$457,112.50		\$0.00		\$0.00
SCHEDULE A - BASE BID					\$4,671,776.00		\$0.00		\$0.00
SCHEDULE B - TRAFFIC SIGNAL WORK					160,500.00		0.00		0.00
SCHEDULE C - BATTELLE MISC WORK					151,205.00		0.00		0.00
SCHEDULE D - WATER UTILITY WORK					73,297.44		0.00		0.00
SCHEDULE E - SEWER UTILITY WORK					16,175.00		0.00		0.00
GRAND TOTAL (BASE BID)					\$5,072,953.44		\$0.00		\$0.00
BASE BID + ALT 1 + ALT 2 + ALT3 + ALT 4 + ALT 5 + ALT 6 TOTAL					\$5,990,905.94		\$0.00		\$0.00
BASE BID + ALT 1 + ALT 2 + ALT3 + ALT 4 + ALT 5 TOTAL					\$5,533,793.44		\$0.00		\$0.00
BASE BID + ALT 1 + ALT 2 + ALT3 + ALT 4 TOTAL					\$5,386,283.44		\$0.00		\$0.00
BASE BID + ALT 1 + ALT 2 + ALT3 TOTAL					\$5,263,228.44		\$0.00		\$0.00
BASE BID + ALT 1 + ALT 2 TOTAL					\$5,199,428.44		\$0.00		\$0.00
BASE BID + ALT 1 TOTAL					\$5,146,383.44		\$0.00		\$0.00
BASE BID TOTAL					\$5,072,953.44		\$0.00		\$0.00